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UNITED STATES DEPARTMENT OF AGRICULTURE
EXTENSION SERVICE
Washington 25, D. C.

A. COLOR SLIDES ON INSECTS

VEGETABLE AND FLOWER INSECTS:

- 221. Life stages of Mexican bean beetle on beans. (Va. Truck 1)
- 222. Mexican bean beetle eggs and pupae. (Tenn. 4)
- 223. Typical bean beetle feeding. (Md. 1)
- 224. Bean beetle pupae and old feeding injury. (Md. 7)
- 225. Mexican bean beetle control plats. (Va. Truck 7)
- 226. Leafhopper on pole beans. (Tenn. 3)
- 227. Leafhopper injury on Black Valentine beans - closeup. (Tenn. 1)
- 228. Leafhopper injury on Black Valentine beans - field. (Tenn. 2)
- 229. Seed-corn maggot injury to beans, and normal plant. (Vt. 6)
- 230. Seed-corn maggot injury to beans - poor stand. (Vt. 3)
- 231. Bean pods showing weevil escape holes. (R. I. 5)
- 232. Yellow-eyed beans damaged by weevil. (R. I. 2)
- 233. Beans split to show weevil damage - grubs and adults. (R. I. 4)
- 234. Cabbage aphids on kale. (Va. Truck 8)
- 235. Gray cabbage aphids on cabbage. (Va. Truck 6)
- 236. Cabbage looper. (R. I. 8)
- 237. Pea aphids on pea plant. (Tenn. 7)
- 238. Parsley worm (Papilio). (R. I. 1)
- 239. Hawaiian beet webworm on spinach. (Va. Truck 15)
- 240. Webworm control on spinach. (Va. Truck 2)
- 241. Dead webworm under treated plant. (Va. Truck 63)
- 242. Squash beetle on watermelons. (Va. Truck 56)
- 243. Feeding pattern of squash beetle. (R. I. 3)
- 244. Aphid on tomato. (Ind. 1499)
- 245. Tobacco hornworm. (Tenn. 5)
- 246. Tomato hornworm pupa. (Ind. 1386)
- 247. Rose chafers. (Ind. 1292)
- 248. Fuller rose beetle on kale. (Va. Truck 24)
- 249. Citrus whitefly on gardenia. (Va. Truck 28)

FRUIT INSECTS:

- 250. Strawberry root aphid. (Va. Truck 27)
- 251. Strawberry root aphid eggs. (Va. Truck 31)
- 252. Eight-spotted forester larva. (R. I. 12)
- 253. European red mite (Chart). (R. I. 6)
- 254. Railroad worm (Chart). (R. I. 7)
- 255. Green apple worm damage. (Vt. 121)
- 256. Woolly aphis on crab apple. (Miss. 14)
- 257. Aphis injury on apple fruit. (Vt. 7)
- 258. Rose chafer on apple. (Vt. 117)
- 259. San Jose scale on apple. (Mo. 1)
- 260. Insects feeding on injured apples. (Mo. 2)
- 261. Yellow-necked caterpillar. (Ind. 1382)
- 262. Red-necked caterpillar. (Mo. 3)
- 263. Japanese beetle injury to apple tree. (Va. Truck 10)
- 264. Tent caterpillar on apple. (N. Dak. 2)

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FRUIT INSECTS: (Continued)

- 265. Spring cankerworm - adult female and pupae. (Mo. 33)
- 266. Egg masses of forest tent caterpillar. (Miss. 8)
- 267. Pecan nut casebearer, hibernaculae. (Okla. 13)
- 268. Pecan nut casebearer - injury to nuts. (Okla. 1)
- 269. Pecan mite injury. (Okla. 2)

ORNAMENTAL AND SHADE TREE INSECTS:

- 270. Elm leaf beetle - eggs and larvae. (Vt. 8)
- 271. Elm leaf beetle pupae. (Vt. 12)
- 272. Elm leaf beetle - life stages. (Vt. 9)
- 273. Elm leaf beetle injury. (Vt. 11)
- 274. Large elm leaf beetle - adults. (Va. Truck 24)
- 275. Large elm leaf beetle - egg clusters. (Va. Truck 25)
- 276. Large elm leaf beetle - egg clusters hatching. (Va. Truck 27)
- 277. Large elm leaf beetle - larvae in soil for pupation. (Va. Truck 26)
- 278. Bagworm injury to cedar. (Va. Truck 23)
- 279. Hickory horned devil. (Va. Truck 18)
- 280. Hickory horned devil - closeup. (Va. Truck 11)
- 281. Mugo pine scale. (Vt. 2)
- 282. Mugo pine scale - closeup. (Vt. 1)

FIELD CROP INSECTS:

- 283. Chinch bug life history chart. (Kans. 1)
- 284. Chinch bug injury to barley in the Spring. (Kans. 3)
- 285. Time for chinch bugs to move from wheat. (Kans. 36-17)
- 286. Young chinch bugs on cornstalk. (Kans. 36-16)
- 287. One cornstalk in field survived chinch bugs. (Kans. 5)
- 288. Corn destroyed by chinch bugs. (Kans. 36-29)
- 289. Plowed furrow - beginning of creosote barrier. (Kans. 36-18)
- 290. Chinch bug barrier smoothed down. (Kans. 36-20)
- 291. Smoothing rough spots along barrier with spade. (Kans. 36-19)
- 292. Creosote poured on finished barrier. (Kans. 36-24)
- 293. Digging the post hole in bottom of furrow. (Kans. 36-21)
- 294. Barrier constructed in time to save corn. (Kans. 4)
- 295. Much corn damage before barrier constructed. (Kans. 36-26)
- 296. Five gallons of chinch bugs removed from post hole. (Kans. 36-22)
- 297. Chinch bugs move to grass at edge of field. (Kans. 36-6)
- 298. Bluestem grasses - favorable hibernating quarters for bugs. (Kans. 36-7)
- 299. Clump of bluestem grass which harbored over 2,000 bugs. (Kans. 2)
- 300. Snow cover protects chinch bugs in hibernation. (Kans. 36-13)
- 301. Counting chinch bugs, using Berlese funnel. (Kans. 36-09)
- 302. Burning grass along the roadside. (Kans. 36-12)
- 303. Grasshopper. (Tenn. 11)
- 304. Lubber grasshopper. (N. Dak. 6)
- 305. Corn plant which resisted grasshopper attack. (N. Dak. 5)
- 306. Grasshoppers do not like sorghum in field at right. (Kans. 33-26)
- 307. Grasshoppers devoured field of corn at left. (Kans. 33-27)
- 308. Strip cropping - sorghums in one strip; no damage to wheat. (Kans. 6)
- 309. Strip cropping - wheat stubble as a strip; wheat damaged. (Kans. 7)

FIELD CROP INSECTS: (Continued)

310. Fall-sown wheat devastated by grasshoppers from fence rows. (Kans 33-23)
311. Fall-sown wheat devastated by grasshoppers from wheat stuttle. (Kans. 33-24)
312. No grasshopper eggs in cleaned roadside; no damage to wheat. (Kans. 33-35)
313. Home-built bait spreader. (Kans. 8)
314. Dead grasshoppers under thistle; ate poison bait. (Kans. 33-34)
315. Grasshoppers caught with hopperdozer; 1/12 of 50-acres catch. (Kans. 33-36)
316. European corn borer like history chart. (Wis. 6)
317. European corn borer damage to corn. (Va. Truck 3)
318. European corn borer damage to corn - closeup. (Va. Truck 26A)
319. Cornstalk section to show corn borer damage. (Va. Truck 15A)
320. Ear of corn section to show corn borer and damage. (Wis. 1)
321. European corn borer control - low cutting. (Wis. 4)
322. European corn borer control - ensiling. (Wis. 3)
323. Field cultivated to permit clean plowing; aids borer control. (Wis. 5)
324. A typical scene at a corn-canning plant. (Wis. 8)
325. Old cornstalks in stack and used as roof harbor corn borer. (Wis. 2)
326. Corn earworm moth on corn silk. (Tenn. 9)
327. Corn earworm egg on corn silk. (Tenn. 10)
328. Corn earworm on corn ear. (Va. Truck 49)
329. Corn earworm in tip of ear - earworm green. (Va. Truck 13)
330. Corn earworm in tip of ear - earworm brown. (Va. Truck 14)
331. Corn earworm pupa. (Tenn. 7)
332. Grassworm (Fall armyworm) injury to field of corn. (Miss. 3)
333. Grassworm (Fall armyworm) injury to several corn plants. (Miss. 2)
334. Grassworm (Fall armyworm) injury to corn plant showing worms. (Miss. 4)
335. Fall armyworm on corn. (Va. Truck 45)
336. Corn billbugs on corn; showing nature of feeding. (Ind. 1309)
337. Stinkbug on corn. (N. Dak. 4)
338. Japanese beetle on corn silks. (Va. Truck 11)
339. Effect of Japanese beetle feeding on corn silk. (Va. Truck 12)
340. Corn earworm damage to sorghum. (Okla. 1)
341. Climbing cutworm. (Tenn. 8)
342. Wireworm larvae. (N. Dak. 3)
343. Hessian fly infested plant. (N. C. 12)
344. Section of plant showing hessian fly puparia and larva. (N. C. 9)
345. Closeup of hessian fly puparia and larvae. (N. C. 5)

LIVESTOCK INSECTS:

346. Dipping cattle for lice and grub control. (Okla. 5)
347. Dipping cattle for lice and grub control. (Okla. 8)
348. Cattle grubs full-grown. (Mo. A)
349. Screworm maggots. (Ind. 1578)

MISCELLANEOUS INSECTS:

350. American dog tick. (MPJ 1)
351. American dog tick engorged. (MPJ 2)

MISCELLANEOUS INSECTS:

- 352. Wax moth larva and cocoons. (Ind. 1573)
- 353. Colony of bees with comb in open. (Mo. B)
- 354. Cigarette beetle damage. (Ind. 1565)
- 355. Cecropia moth. (Va. Truck 12A)
- 356. Cecropia moth caterpillar. (Ind. 1387)
- 357. Cecropia moth caterpillar. (N. Dak. 1)
- 358. Monarch butterfly on Budlia flower. (Tenn. 12)
- 359. Newly emerged cicada. (Va. Truck 58)
- 360. Saddleback caterpillar. (R. I. 11)
- 361. Blister beetles on soybeans. (Mo. 29)
- 362. Potato flea beetle control experiment. (Va. Truck 33)
- 363. Mexican bean beetle control experiment (Va. Truck 34)
- 364. Victory Garden insect control exhibit. (N. Y. 1)

EQUIPMENT:

- 365. Dusting for webworms on spinach - 1-mule duster. (Va. Truck 5)
- 366. Dusting for aphid on spinach - 2-mule duster. (Va. Truck 48)
- 367. Spraying tomatoes with power sprayer - rear view. (Va. Truck 32)
- 368. Spraying tomatoes with power sprayer - front view. (Va. Truck 47)
- 369. Airplane dusting of potatoes. (N. Dak. 7)
- 370. Nozzle for spraying underside of leaves. (R. I. 14)

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